

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	East Germany	REPORT		50X1
SUBJECT	Additional Information on Development and Production at Chemisches Werk Buna, Schkopau		DATE DISTR.	21 May 1954
		NO. OF PAGES	3	50X1-HUM
DATE OF INFO.				
PLACE ACQUIRED				

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THE APPRAISAL OF CONTENT IS TENTATIVE.  
(FOR KEY SEE REVERSE)

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SECURITY INFORMATION

REPORT [REDACTED]

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COUNTRY : Germany (SovZone)

DATE DISTR. 26 MAR. 54

SUBJECT : Additional Information on Development and  
Production at SAG Chemische Werke Buna

NO. OF PAGES 2

PLACE  
ACQUIRED [REDACTED]NO. OF ENCLS.  
(LISTED BELOW)

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DATE  
ACQUIRED [REDACTED]SUPPLEMENT TO  
REPORT [REDACTED]

DATE OF INFO [REDACTED]

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THIS IS UNEVALUATED INFORMATION

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1. [REDACTED] inorganic polymers, such as silicones, polyborazoles,  
and polystannates in production or under development [REDACTED]

[REDACTED] that  
silicones were developed in the laboratory. They are  
manufactured at the firm Heyden, Radebeul, in pilot plant  
quantities. The chief chemist of that firm is Dr. Richard  
MUELLER. [REDACTED]

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2. [REDACTED] fluorocarbons produced or under development [REDACTED]

Not at Buna, but at the Elektrochemisches Kombinat  
Bitterfeld [REDACTED]

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3. [REDACTED] the quality of Soviet technical literature available  
to researchers at Schkopau and [REDACTED] the policy regarding  
[REDACTED] technical literature [REDACTED]

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Technical USSR literature is not available [redacted] It is the policy, however, [redacted] to send material to the Directorate-General at Berlin-Weissensee. [redacted]

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[redacted] literature is available only to top level personnel, who will release it to the researchers on the basis of necessity.

4. [redacted] metal-to-metal bonding adhesives are manufactured at Schkopau [redacted]

Buna 32 (also known as Plastikator 32) is used for this purpose. Appropriate quantities of sulfur and an accelerator are added, and the compound is vulcanized, as usual, at 130°C. An adhesive without vulcanization is not made.

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5. [redacted] the status of low-temperature emulsion polymerization [redacted]

The mechanism of low temperature polymerization has been fully developed in the laboratory, but production cannot be accomplished on account of the lack of refrigerating machinery [redacted]

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6. [redacted] the status of polyurethane rubber (Vulcollan) at Buna [redacted]

This material cannot be produced since isocyanate is not available [redacted]

7. [redacted] the composition of chlorbuna-N and the method of production? [redacted] the production rates, the end use and who are the consumers [redacted]

Chlorbuna-N is a chlorination production of polybutadiene.

[redacted] The consumers are lacquer manufacturers, particularly for corrosion-resistant coatings. For a while, difficulties existed in selling this material, as sufficient natural rubber-based chlorinated rubber was on hand and also because sufficient quantities of drying oils were imported. The paint and lacquer manufacturers preferred those materials to chlorbuna-N.

8. [redacted] research, development and/or production is carried out at Buna on low hysteresis rubber (elastomera) [redacted] the compositions and processing methods [redacted]

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[redacted] For general information on rubber and plastics research and development at Schkopau, see [redacted]

9. What, [redacted] has been heard of Dr. Bernard VON BOCK and family [redacted]

[redacted] he is looking forward to his return to Germany in the near future and he has made requests for procurement of such items as clothing, furniture, and an automobile.

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